

CLAIMS

What is claimed is:

1. A system providing support for the delivery of media to an authorized vehicle, the system comprising:

- a storage for storing media, and having an associated first network address;

- set top box circuitry communicatively coupled to the storage, the set top box circuitry arranged to exchange media via a communication network using a first communication interface, the set top box supporting wireless communication of media using a second communication interface;

- at least one vehicle system communicatively coupled to the set top box circuitry via the second communication interface, the at least one vehicle system having an associated second network address;

- a user interface to support the delivery of media, the user interface having at least one view comprising a representation of a sequence of media available for delivery to the at least one vehicle system;

- at least one server for storing media, and having an associated third network address; and

- server software that receives a request, via the communication network, identifying at least one of the associated first, second, and third network addresses and authorization information, and responds by identifying

at least one other of the at least one of the associated first, second, and third network addresses to support the delivery of media to the at least one vehicle system.

2. The system of claim 1 wherein the media comprises at least one of audio, a still image, video, real-time video, and data.
3. The system of claim 1 wherein the media comprises at least one of navigational information, information related to commercial broadcasters, software, travel routing information, information related to vehicle performance, and vehicle service information.
4. The system of claim 1 wherein at least one of the associated first, second, and third network addresses is an Internet protocol (IP) address, a media access control (MAC) address, and an electronic serial number (ESN).
5. The system of claim 1 wherein the communication network comprises at least one of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and a wireless infrastructure.
6. The system of claim 1 wherein the communication network is the Internet.
7. The system of claim 1 wherein the second communication interface comprises at least one of an infrared link and a radio frequency link.

8. The system of claim 1 wherein the at least one vehicle system comprises at least one of a vehicle navigation system, a vehicle entertainment system, a vehicle video system, and a vehicle music system.
9. The system of claim 1 wherein the at least one vehicle system comprises an interface to at least one media peripheral.
10. The system of claim 9 wherein the at least one media peripheral comprises at least one of a digital camera, a digital camcorder, a television, a personal computer, a CD player, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and a MP3 player.
11. The system of claim 9 wherein the authorization information is supplied by the at least one media peripheral.
12. The system of claim 1 wherein the authorization information comprises a digital certificate comprising at least one of a device ID, a public key for encryption, information related to services, information regarding payment terms, information regarding billing, and media push/access restrictions and limitations.
13. The system of claim 1 wherein the at least one server supports at least one of media storage, third party media services, the provision of third party media, and the exchange of media.

14. A system providing support for the delivery of media to an authorized vehicle, the system comprising:

- a storage for storing media;

- set top box circuitry communicatively coupled to the storage, the set top box circuitry arranged to exchange media via a communication network;

- at least one vehicle system communicatively coupled to the set top box circuitry;

- a user interface to support the delivery of media, the user interface having at least one view comprising graphical representations of media available for delivery to the at least one vehicle system;

- at least one server for storing media; and

- server software that receives a request and authorization information, via the communication network, and responds by coordinating the delivery of media to the at least one vehicle system.

15. The system of claim 14 wherein the media comprises at least one of audio, a still image, video, real-time video, and data.

16. The system of claim 14 wherein the data comprises at least one of navigational information, information related to commercial broadcasters, software, travel routing information, information related to vehicle performance, and vehicle service information.

17. The system of claim 14 wherein the communication network comprises at least one of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and a wireless infrastructure.

18. The system of claim 14 wherein the communication network is the Internet.

19. The system of claim 14 wherein the at least one vehicle system comprises at least one of a vehicle navigation system, a vehicle entertainment system, a vehicle video system, and a vehicle music system.

20. The system of claim 14 wherein the at least one vehicle system comprises an interface to at least one media peripheral.

21. The system of claim 20 wherein the at least one media peripheral comprises at least one of a digital camera, a digital camcorder, a television, a personal computer, a CD player, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and a MP3 player.

22. The system of claim 20 wherein the authorization information is supplied by the at least one media peripheral.

23. The system of claim 14 wherein the authorization information comprises a digital certificate comprising at least one of a device ID, a public key for encryption, information related to services, information regarding payment

terms, information regarding billing, and media push/access restrictions and limitations.

24. The system of claim 1 wherein the at least one server supports at least one of media storage, third party media services, the provision of third party media, and the exchange of media.

25. A method for delivering media to an authorized vehicle, the method comprising:

- selecting media for delivery based upon input from a user;

- identifying a vehicle system to receive the selected media based upon input from the user;

- determining if the vehicle system is available to receive the selected media;

- receiving authorization information from the vehicle system;

- verifying the authorization information;

- delivering the selected media to the vehicle system if the verification is successful and the vehicle system is available to receive the selected media; and

- refraining from delivering the selected media to the vehicle system if the verification is not successful or the vehicle system is not available to receive the selected media.

26. The method of claim 25 wherein the media comprises at least one of audio, a still image, video, real-time video, and data.

27. The method of claim 25 wherein the selecting and identifying are performed via a user interface having at least one view comprising a graphical representation of media available for delivery to the at least one media peripheral.

28. The method of claim 25 wherein the authorization information is conveyed as a digital certificate comprising at least one of a device ID, a public key for encryption, information related to services, information regarding payment terms, information regarding billing, and media push/access restrictions and limitations.

29. The method of claim 25 wherein the receiving and delivering are performed using a wireless communication link.

30. The method of claim 29 wherein the wireless communication link comprises at least one of an infrared link and a radio frequency link.